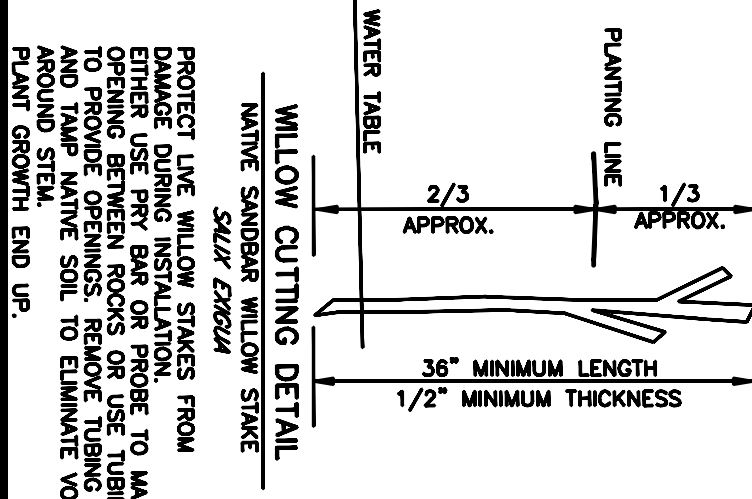


EXISTING WETLAND AREA =  
2.49 ACRES  
TO BE STOCKPILED AND  
REPLANTED IN  
PROPOSED AREA AFTER  
GRADING









## MITIGATION NOTES

1. VEGETATION OF AREAS DISTURBED WHILE COMPLETING THE CONSTRUCTION WORK SHALL BE RESTORED TO ORIGINAL CONDITION. SEEDED AREAS DISTURBED BY THE CONTRACTOR AFTER SEEDING SHALL BE RESEED AS ORIGINALLY SPECIFIED.
2. SUPPLEMENTAL WATERING MAY BE REQUIRED UNTIL THE PLANTINGS ARE ESTABLISHED.
3. ALL NATIVE GRASSES AND SHRUBS SHALL BE PLANTED WITH A MINIMUM OF 6-INCHES OF TOPSOIL AND MULCHED. SEED SHALL BE INSTALLED WITH A DRILL, SEEDER WHEREVER POSSIBLE.
4. NATIVE GRASS SEED MIX IS AS PROVIDED. ALTERNATE SEED MIXES SHALL NOT BE USED. CERTIFIED SEED TAGS SHALL BE SUBMITTED TO THE ENGINEER A MINIMUM OF 10 DAYS PRIOR TO SEEDING OPERATIONS.
5. LIVE WETLAND TOPSOIL SHALL BE SALVAGED ON-SITE. LIMITS ARE TO BE STAKED IN THE FIELD BY THE WETLAND BOTANIST PRIOR TO CONSTRUCTION. APPROXIMATELY ONE FOOT OF TOPSOIL WILL BE REMOVED, STOCKPILED OUTSIDE OF THE WORK AREA, AND INSTALLED IN THE DISTURBED AREAS OF THE WETLAND. TOPSOIL NOT REQUIRED IN THE FIELD. IF THE CONSTRUCTION PERIOD IS PROLONGED, SUPPLEMENTAL WATERING OF THE LIVE TOPSOIL MAY BE REQUIRED.
6. LIVE DOMINANT WILLOW SPECIES SHALL BE HARVESTED ON-SITE AND INSTALLED PER SPECIFICATIONS IN NATIVE PLANT REGENERATION GUIDE FOR COLORADO. CARING FOR THE LAND SERIES VOL. III, OCTOBER, 1988. COLORADO DEPARTMENT OF NATURAL RESOURCES. WILLOW SALVAGE AREAS ARE TO BE DIRECTED IN THE FIELD PRIOR TO THE TIME OF PLANTING. NATIVE CONIFEROUS AND/OR PEACH LEAF WILLOW TREES MAY ALTERNATELY BE INSTALLED BY LIVE POLE PLANTINGS PER THE PREVIOUSLY MENTIONED REGENERATION GUIDE.
7. NOXIOUS WEEDS WILL MOST LIKELY BE IDENTIFIED AFTER CONSTRUCTION AND SHALL BE CONTROLLED IN THE RESTORATION AREAS. MOWING, HERBICIDES OR HAND PULLING MAY BE REQUIRED FOR SEVERAL YEARS. TAMARISK, BULL THISTLE, CANADA THISTLE AND KOCHIA ARE ANTICIPATED TO BE PROBLEMATIC.



	ALL AREAS DISTURBED BY EARTHQUAKE EXCEPTING AREAS OF THE TOSPOU PLATEAU SHALL BE RESTORED WITH THE FOLLOWING NATIVE SEED MIX:	
<b><u>COMMON NAME</u></b>	<b><u>SPECIES</u></b>	
Sand Dropped	<i>Sporobolus virginicus</i>	pils/crore
Slender Stalked	<i>Pennisetum purpurascens</i>	0.5
Slender meadowgrass	<i>Cynodon dactylon</i>	2.0
Switchgrass	<i>Panicum mitchellii</i>	4.0
Western bluestgrass	<i>Panicum virgatum</i>	1.0
Blue grama	<i>Bouteloua gracilis</i>	3.0
Mild fescue	<i>Festuca ovina</i>	1.5
	<i>Bromus tectoridis</i>	14.5 lbs / acre

SEEDING APPLICATION: DRILL SEED 1/4" TO 1/2" AND TOSPOU- IN AREAS IMACCESSIBLE TO A DRILL, HAND BROADCAST AT DOUBLE THE RATE AND RAKE 1/4" TO 1/2" INTO THE TOSPOU. MULCHING APPLICATION: 1-1 1/2 TONS NITRATE HAY PER ACRE. MECHANICALLY CRIMPED INTO THE TOSPOU.

Tree	Size	Quantity
 <i>Apurulus deltoideus*</i>	pheta cottonwood	5 gal. 10
 <i>Salix amygdaloides*</i>	peachleaf willow	5 5
*UNCOMMONLY, WILLOW & COTTONWOOD TREES MAY BE INSTALLED BY POLE PLANTING.		
<b>Shrubs</b>		
 <i>Symphoricarpan occidentale</i>	snowberry	1 gal. 12
 <i>Ribes aurum</i>	golden current	1 gal. 12
 <i>Ribes trifid aurum</i>	three-leaf sumac	1 gal. 10
 <i>Prunus virginiana</i>	chokeberry	1 gal. 10
 <i>Rosa woodst.</i>	white rose (valde)	1 gal. 10
 <i>Prunus americana</i>	redwing	1 gal. 10
<i>Salix caprea*</i>	willow	3 gal. 900
*3/4" THE WILLOW STAKES, HUNGRED LOCALLY, AND TO BE INSTALLED PER DRILL.		
		2 C.O.

PROPOSED WETLAND  
MITIGATION AREA =  
5.70 ACRES

STATE ENGINEER'S OFFICE  
FILE NO. \_\_\_\_\_

SAND CREEK DETENTION BASIN NO. 6

## MITIGATION PLAN

DATE: 10/10/13

VERT: N/A